

URBAN DISTRICT COUNCIL OF KIRKBY-IN-ASHFIELD



ANNUAL REPORT

ON THE WORK OF THE

PUBLIC HEALTH DEPARTMENT

FOR THE YEAR ENDED 31st DECEMBER, 1961

J. V. LOUGHLIN

M.B., B.Ch., B.A.O., D.P.H.

Medical Officer of Health

H. S. WHITTEN

M.R.S.I., M.S.I.A.

(Senior
Public Health Inspector
and Superintendent of
Public Cleansing)

K I R K B Y - I N - A S H F I E L D
U R B A N D I S T R I C T C O U N C I L

Chairman:

MR. T. H. TOMLINSON, J.P.

Vice-Chairman

MR. G. EGGLESHAW, B.Sc.

Chairman of the Health and Sanitary Committee:

MR. A. H. BRIGGS, J.P.

Councillors:

East Ward

West Ward

South Ward

W. Arnold
J. C. Booler
A. Mead, B.E.M., C.C.
A. C. Overfield
C. E. Sargent
L. Scothern
T. H. Tomlinson

O. S. Beardsley
A. H. Briggs, J.P.
G. Haywood
A. Turner
Mrs. M. E. Wright

J. W. Aldridge
E. W. Ashley
G. Eggleshaw
G. R. Huffen
G. R. Thompson

Clerk of the Council

E. J. THOMAS

Public Health Officers:

Medical Officer of Health

J. V. LOUGHLIN, M.B., B.Ch., B.A.O., D.P.H.

Senior Public Health Inspector and Superintendent
of Public Cleansing:

H. S. WHITTEN, M.R.S.I., M.A.P.H.I.

Deputy Senior Public Health Inspector:

R. FOLLETT, M.A.P.H.I.

Clerk:

MISS M. M. SMITH

Pupil Public Health Inspector:

A. G. KIRKLAND

Health Department,
Council Offices,
Kirkby-in-Ashfield,
Nottingham.
Telephone No. Kirkby-in-Ash. 2371/75

M E D I C A L O F F I C E R ' S R E P O R T

for the year ended 31st December, 1961

To the Chairman and Members of the
Kirkby-in-Ashfield Urban District Council.

Mr. Chairman, Madam and Gentleman,

I have pleasure in presenting to you my Annual Report on the health of the District for the year 1961. The report has been compiled in accordance with the instructions of the Minister of Health.

A review of the statistics for the year reveal a satisfactory state of health in the District. It is, of course, our aim at all times to improve on this happy position. Preventive medicine should never remain static; there is always the need to progress. In pursuit of this there comes to mind the fact that although our water supplies have been rendered safe for human consumption, mainly by effective filtration and chlorination, the opportunity now presents itself of furthering the use of water in preventive medicine. I refer to the fluoridation of our water supplies. By this I mean the addition of fluoride to water supplies which are deficient in it naturally. Where this is done, the incidence of dental decay in young children should be reduced by about half. Some parts of the country have been blessed by nature in being able to drink water with naturally occurring fluoride. There is now no reason why this district should be excluded from its advantages.

I have said that, for some time, our water supplies have been rendered safe to drink. There is now no reason why the air we breathe should not be rendered at least safer. This is constantly polluted both by exhaust fumes from road traffic and smoking chimneys, mainly domestic. The amount of atmospheric pollution by industry in general grows less, mainly because of co-operation and sense of responsibility pervading. I think that by now the solution of this problem should be obvious.

The vital statistics for the District compare favourably with those for England and Wales. The population has risen from 21,430 to 21,680, and the number of inhabited houses has dropped from 7,359 to 6,972.

The Birth Rate shows a further increase. The Infant Mortality Rate has fallen from 23.49 (1960) to 22.11, and compares with 21.6 for England and Wales.

Again, there were no maternal deaths. All concerned are to be congratulated.

The Death Rate shows a slight increase from 12.54 in the previous year to 13.34. The chief cause of death being Cardio-vascular lesions or diseases, Cancer and Bronchitis. The Morbidity Rate for Bronchitis (although not available) is presumably much higher, entailing much ill health and misery. The Mortality Rate for Bronchitis for this country has been quoted as being thirty times that of Denmark. I have no hesitation in repeating these figures for the benefit and consideration of all. This has been truly called the Englishman's disease.

There was a marked reduction in the notification of infectious diseases. Measles once again heads the list, but one must realise that this disease is most prevalent during alternate years. It is to be hoped that a satisfactory vaccine against it will soon be forthcoming. In 1961 measles accounted for 152 deaths in England and Wales.

Tuberculosis notifications numbered 6. It is to be regretted that the response to vaccination (B.C.G.) against this disease was only 51% of school children to whom it was offered. I feel that school teachers are in a strong position to help in this regard and indeed in the response to all immunisation and vaccination procedures.

For the 12th year in succession there has been no case or death of Diphtheria, thanks no doubt to the satisfactory level of immunisation and vaccination attained.

The house building programme continued during the year, also the reconstruction of the Sewage Disposal Works.

Details of the Public Health Inspectors' many activities are to be found in the Report.

Miss E. Bradley retired during the year after 26 years - initially as a Midwife, and latterly as a Health Visitor in the district. We extend to her our good wishes in her retirement.

It gives me pleasure to acknowledge the co-operation and efficiency of the Health Department staff, and in conclusion I wish to express my appreciation of the support and encouragement which you have yourselves given.

I remain,
Your obedient servant,
J. V. LOUGHLIN,
Medical Officer of Health.

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STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (Acres)	5,831
Population (Census 1931)	17,798
Population (Census 1961)	21,690
Estimated population (mid-year 1961)	21,680
Rateable Value (Nett) (31st March, 1961)	£219,521
Estimated product of penny rate (1961/62)	£856
Inhabited Houses (31st March 1961)	6,972

* * *

BIRTHS, MARRIAGES AND DEATHS

The Registrar of Births, Marriages and Deaths, attends the Youth Employment Office, Pond Street, Kirkby-in-Ashfield at the following times:-

Mondays	2.0 p.m.	to	3.30 p.m.
Tuesdays	6.0 p.m.	to	7.30 p.m.
Thursdays	2.0 p.m.	to	3.30 p.m.
Fridays	10.0 a.m.	to	12.00 noon.

MATERNITY AND CHILD WELFARE SERVICES

The Notts. County Council supplies these Services, your Medical Officer of Health being in charge of the latter clinics held in the District. The clinics are held in the Maternity and Child Welfare Clinic, Urban Road, Kirkby-in-Ashfield, telephone number Kirkby-in-Ashfield 3361.

(a) Child Welfare Service

Clinics are held at the following times:-

Mondays 2.00 p.m. - 4.30 p.m. (M.O.H. in attendance)
Tuesdays 2.00 p.m. - 4.30 p.m.

<u>Month</u>	<u>No. of attendances</u>
January	321
February	186
March	234
April	325
May	356
June	334
July	388
August	360
September	344
October	246
November	314
December	137
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	3,545
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(b) Ante-natal and Post-natal Service

Clinics are held at the following times:-

Alternate Mondays 9.30 a.m. - 12 noon.

(b) Ante-natal and Post-natal Service (cont'd)

<u>Month</u>	<u>No. of attendances</u>	
	<u>Ante-natal</u>	<u>Post-natal</u>
January	13	-
February	20	1
March	23	2
April	15	2
May	22	1
June	29	-
July	29	2
August	15	2
September	15	-
October	23	3
November	28	-
December	15	1
	<hr/>	<hr/>
	247	14
	<hr/>	<hr/>

Blood grouping of ante-natal cases

Expectant mothers attending the Ante-natal Clinic have their blood sampled for the rhesus factor, and also the group, either at the Clinic or by their own doctor.

(c) Midwifery Service

The services of 5 midwives are provided for the Urban District by the Notts. County Council. Their names, addresses and telephone numbers are as follows :-

Mrs. D. Brown	95 Southwell Lane, Kirkby-in-Ashfield	Kirkby-in-Ash. 3375
Mrs. D. A. Brockley	8 The Grove, Kirkby-in-Ashfield	Kirkby-in-Ash. 3131
Miss H. Conneely	24 Clumber Street, Kirkby-in-Ashfield	Kirkby-in-Ash. 3249

Miss F. Lawson	59 Welbeck Street, Kirkby-in-Ashfield.	Kirkby-in-Ash. 3397
Miss L. Hodson	42 St. John's Avenue, Kirkby-in-Ashfield.	Kirkby-in-Ash. 2293

(d) Care of the Unmarried Mother

Cases have been dealt with during 1961 in co-operation with the Moral Welfare Service.

(e) Care of the Premature Infant

During 1961 most of the cases were admitted to hospital, and there has been no occasion to use the equipment held at the Clinic.

(f) Supply of Welfare Foods and Vitamins

Various types of welfare foods and vitamins are available at the Clinic, i.e., National and other brands of dried milk, orange juice and proprietary food products (on sale), vitamin tablets, codliver oil and medicaments (supplied free), at the following times:-

Mondays	2 p.m. - 5 p.m.
Tuesdays	2 p.m. - 5 p.m.
Wednesdays	9 a.m. - 12.30 p.m.
Fridays	2 p.m. - 5 p.m.
Saturdays	9 a.m. - 12.30 p.m.

(g) Vaccination Service

The service is available at the Clinic on alternate Wednesday mornings - 10 a.m. to 12 noon.

(h) Diphtheria and Whooping Cough Service

The service is available at the Clinic on alternate Wednesday mornings - 10 a.m. to 12 noon.

(i) Dental Service

This service is provided at the Clinic by the Notts. County Council. A dentist is in attendance on Tuesdays - 10 a.m. to 12 noon and 2 p.m. to 4 p.m.

HOME HELP SERVICE

A Home Help Service is provided by the Notts. County Council, and there is a Local Organiser for the Kirkby-in-Ashfield District at 4 Outram Street, Sutton-in-Ashfield, telephone number Sutton-in-Ashfield 316.

NURSING IN THE HOME

The Notts. County Council provides this service. There are 5 District Nurses available in the Urban District, and their names, addresses and telephone numbers are as follows:-

Mrs. P. Angelides	53 Welbeck Street, Kirkby-in-Ashfield	Kirkby-in-Ashfield 2342
Mrs. P. Jeffery	"Windermere" Alfreton Road, Pinxton	Pinxton 338
Mrs. E. F. Stocks	5 Searwood Avenue, Kirkby-in-Ashfield	Sutton-in-Ashfield 396
Miss L. Gillis	"Chaworth" Forest Road Annesley Woodhouse, Kirkby-in-Ashfield	Kirkby-in-Ashfield 2334
Mrs. Haynes	39 Alexandra Street, Kirkby-in-Ashfield	Kirkby-in-Ashfield 3368

SCHOOL HEALTH SERVICE - Clinics for Minor Ailments

Sessions are held at the Child Welfare Clinic at the following times:-

Fridays 1.30 p.m. - 4 p.m. (M.O.H. is in attendance as
Asst. C.S.M.O. from 2 p.m.
onwards)

NATIONAL ASSISTANCE ACT, 1948, Section 47 and
1951 (amendment) ACT.

It was not necessary to take any action under this Section of the Act during 1961.

The Welfare Officer and Duly Authorised Officer for Kirkby-in-Ashfield District for the purpose of this Act is :-

Mr. G. S. Culley,
Welfare Officer

Opas House,
Market Street,
Sutton-in-Ashfield

Telephone No.
Sutton-in-Ashfield
2881

VOLUNTARY ORGANISATIONS

British Red Cross Society

Disabled Club:

President/Acting - Mrs. L. Harvey,
Liaison Officer 170 Victoria Rd.,
Kirkby-in-Ash.

Hon. Sec. - Mrs. F. H. Humphries,
15 Hawthorne Cresc.,
Kirkby-in-Ashfield.

Men's Detachment:

Commandant - Mr. L. Scothern,
93 Clumber Street,
Kirkby-in-Ashfield.

Hon. Sec. - Mr. R. Chamberlain,
75 Rowan Drive,
Kirkby-in-Ashfield.

St. John's Ambulance
Brigade

Bentinck Colliery:

Superintendent - Mr. W. Dove,
11 Frederick Street,
Sutton-in-Ashfield.

Hon. Sec. - Mr. V. Smith,
14 Wheatley Avenue,
Kirkby-in-Ashfield.

Bentinck Colliery: Cadet Division:

Superintendent - Mr. B. J. Hare,
61 Mason Street,
Sutton-in-Ashfield.

Kirkby Colliery:

Superintendent - Mr. C. H. Williams,
106 Southwell Lane,
Kirkby-in-Ashfield.

Hon. Sec. - Mr. W. Spray,
24 Marlborough Road,
Kirkby-in-Ashfield.

Kirkby Colliery: Cadet Division:

Superintendent - Mr. F. Flint,
24 Edward Street,
Kirkby-in-Ashfield.

Women's Voluntary Service

W.V.S. Derby & Joan Clubs:

Leaders - Mrs. A. Butler (East Ward)
15 Nest Avenue,
Kirkby-in-Ashfield.
Mrs. Colcough (West Ward)
120A Hartley Road,
Kirkby-in-Ashfield.

Derby & Joan Club

(South Ward)

President - Mrs. C. Reeve,
108 Derby Road,
Kirkby-in-Ashfield.

British Legion

Hon. Sec. - Mr. E. Grice,
109 Lowmoor Road,
Kirkby-in-Ashfield.

Rotary Club

President - Mr. J. Walton,
7 Nest Avenue,
Kirkby-in-Ashfield.

Secretary - Mr. J. Ward,
37 Station Street,
Kirkby-in-Ashfield.

Inner Wheel

President - Mrs. W. Smith,
25 Station Street,
Kirkby-in-Ashfield.

Secretary - Mrs. D. J. Bird,
10 Erewash Street,
Kirkby-in-Ashfield.

Old People's Welfare
Committee

Hon. Sec. - Mrs. M. E. Freestone,
21 Oxford Street,
Kirkby-in-Ashfield.

Health Services not Administered by the Urban District

LABORATORY FACILITIES

The following examinations are carried out by the Public Health Laboratory, 63 Goldsmith Street, Nottingham:-

Milk	Phosphatase Test, Methylene Blue Test, Bacteriological, etc.
Ice Cream	Methylene Blue Test, Grading, etc.
Food	Bacteriological examination.
Water	Bacteriology.
Pathological Specimens	Bacteriology and pathology of swabs, sputa, etc.

The Laboratory carried out other functions, but the above are the main ones the Department is likely to need. The Service is an excellent one, and is available to the Medical Profession.

PUBLIC ANALYST'S LABORATORY

J. Evans (A. H. Allen & Partners), 67 Surrey Street, Sheffield 1, is an official analyst for the purpose of the Food and Drugs Act, 1955.

EXTRACTS FROM VITAL STATISTICS FOR 1961

Live Births

Number	407
Rate per 1,000 population	18.41
Illegitimate live births per cent of total live births	2.21
Still Births	
Number	12
Rate per 1,000 total live and still births	19.32
Total live and still births	419
Infant deaths (deaths under 1 year)	9
Infant Mortality Rates	
Total infant deaths per 1,000 total live births	22.11
Legitimate " " " " legitimate live births	22.51
Illegitimate " " " " illegitimate " "	0
Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	17.19
Early Neo-natal Mortality Rate (deaths under 1 week per 1,000 total live births)	14.74
Perinatal Mortality Rate (still births and deaths under 1 week combined per 1,000 total live and still births)	42.95
Maternal Mortality (including abortion)	
Number of deaths	0
Rate per 1,000 total live and still births	0

BIRTHS

<u>Live Births</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	231	167	398
Illegitimate	6	3	9
Crude birth rate per 1,000 of the population	-	-	18.77
Adjusted " " " 1,000 " " "	-	-	18.41
(Area comparability factor 0.98)			
<u>Still Births</u>			
Legitimate	3	8	11
Illegitimate	-	1	1
Still-birth rate per 1,000 of the population	-	-	0.55
Still-birth " " 1,000 total (live and still) births	-	-	28.61

DEATHS

	<u>Male</u>	<u>Female</u>	<u>Total</u>
	123	105	228
Crude death rate per 1,000 of the population	-	-	10.51
Adjusted " " " 1,000 " " "	-	-	13.34
(Area comparability factor 1.27)			

DEATHS (cont'd)

No. of women dying in, or in consequence of, child-birth pregnancy or abortion	-
Total deaths of Infants under 1 year	9
Infantile death rate per 1,000 live births	22.11
Deaths from Cancer (all ages)	31
Deaths from Measles (all ages)	-
Deaths from Whooping Cough (all ages)	-
Deaths from Gastritis, Diarrhoea and Enteritis (under 2 years of age)	-

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BIRTHS AND BIRTH-RATE

The total number of births registered during the year was 419; 240 males and 179 females. Of these, there were 10 illegitimates, 6 males and 4 females. There were 407 live births and 12 still births. This gives a Live Birth-rate of 18.77 (crude) per 1,000 of the population, as compared with 17.87 (crude) per 1,000 in the previous year.

The still-births amounted to 12 - an increase of 5. Live birth-rate for the District for the last 10 years is as follows:-

	<u>Crude</u>	<u>Adjusted</u>		
1961	18.77	18.41	per 1,000	of the population
1960	17.87	17.51	"	"
1959	20.36	19.95	"	"
1958	17.46	17.11	"	"
1957	16.38	16.05	"	"
1956	15.92	15.60	"	"
1955	14.23	13.95	"	"
1954	17.13		"	"
1953	17.50		"	"
1952	18.49		"	"

DEATHS AND DEATH-RATE

There were 228 deaths recorded in 1961

Males123 Females105

This gives us an annual death-rate of 10.51 (crude)
13.34 (adjusted) per 1,000 of the population.

The classification of deaths is as follows:-

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Tuberculosis, respiratory	-	-	-
Tuberculosis, other	-	-	-
Syphilitic disease	1	-	1
Diphtheria	-	-	-
Whooping Cough	-	-	-
Meningococcal infections	-	-	-
Acute poliomyelitis	-	-	-
Measles	-	-	-
Other infective and parasitic diseases	-	-	-
Malignant neoplasm, stomach	1	1	2
Malignant neoplasm, lung, bronchus	3	1	4
Malignant neoplasm, breast	-	5	5
Malignant neoplasm, uterus	-	-	-
Other malignant and lymphatic neoplasms	14	5	19
Leukaemia, aleukaemia	1	-	1
Diabetes	1	1	2
Vascular lesions of nervous system	17	20	37
Total carried forward	38	33	71

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Total brought forward	38	33	71
Coronary disease, angina	22	17	39
Hypertension with heart disease	1	3	4
Other heart disease	22	15	37
Other circulatory disease	1	4	5
Influenza	-	2	2
Pneumonia	6	4	10
Bronchitis	16	6	22
Other diseases of respiratory system	2	2	4
Ulcer of stomach and duodenum	2	1	3
Gastritis, enteritis and diarrhoea	-	-	-
Nephritis and nephrosis	1	-	1
Hyperplasia of prostate	-	-	-
Pregnancy, childbirth, abortion	-	-	-
Congenital malformations	2	3	5
Other defined and ill-defined diseases	5	13	18
Motor vehicle accidents	-	1	1
All other accidents	3	1	4
Suicide	2	-	2
Homicide and operations of war	-	-	-
	<u>123</u>	<u>105</u>	<u>228</u>

Deaths in Wards at all ages

	East Ward	West Ward	South Ward	Totals
1st Quarter	25	27	18	70
2nd Quarter	17	23	13	53
3rd Quarter	17	21	8	46
4th Quarter	21	26	12	59
Total 1961	80	97	51	228
" 1960	90	80	45	215
" 1959	103	81	40	224
" 1958	81	81	41	203
" 1957	75	79	40	194
" 1956	87	80	43	210
" 1955	92	65	50	207
" 1954	72	80	32	184
" 1953	90	76	39	205
" 1952	85	67	47	199

Death-rate for the whole district for the last ten years:

	<u>Crude</u>	<u>Adjusted</u>		
1961	10.51	13.34	per 1,000 of the population	
1960	10.03	12.54	"	"
1959	10.51	13.35	"	"
1958	9.63	12.33	"	"
1957	9.35	11.97	"	"
1956	10.19	13.04	"	"
1955	10.09	11.91	"	"
1954	9.01		"	"
1953	10.08		"	"
1952	9.87		"	"

INFANTILE MORTALITY

There were 3 deaths of male Infants and 6 deaths of Female Infants registered during the year.

Age in weeks	Males	Females	Totals
Under 1wk	2	4	6
0 - 4	-	1	1
5 - 52	1	1	2
Totals	3	6	9

This gives an infantile mortality of 22.11 per 1,000 live births, as compared with 23.49 of the previous year.

The classification of deaths is as follows :-

Congenital Atalectasis	1
Bronchopneumonia	1
Asphyxia	1
Hydrocephalus	2
Prematurity	2
Ancephaly	1
Meningitis	1

Infantile mortality for the whole district for the last ten years per 1,000 births :-

1961	22.11	1956	24.39
1960	23.49	1955	23.97
1959	32.26	1954	11.43
1958	46.2	1953	44.9
1957	35.29	1952	37.5

DIPHTHERIA AND WHOOPING COUGH IMMUNISATION

Course completed during the year 1961

Under 1 yr.	147
1 yr.	133
2 - 4 yrs.	11
5 - 9 yrs.	7
10 - 14 yrs.	2
	<hr/>
	300
	<hr/>

Booster injection given

4 yrs.	177
5 - 9 yrs.	10
	<hr/>
	187
	<hr/>

POLIOMYELITIS IMMUNISATION

<u>2nd injections given</u>	<u>Medical Officer</u>	<u>Private Practitioners</u>
6 months - 15 yrs.	283	159
15 - 26 yrs.	34	37
Expectant mothers 26-40	59	56
Over 40	<u>7</u>	<u>5</u>
	<u>383</u>	<u>257</u>
 <u>3rd injections given</u>		
6 months - 15 yrs.	246	127
 <u>4th injections</u>	1,719	54

SMALLPOX VACCINATIONS

Under 1 yr.	90
1 yr.	9
2 - 4 yrs.	4
5 - 14 yrs.	2
15 yrs. and over	7
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	112
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B.C.G. VACCINATION School Children

No. offered Vaccination	No. whose parents accepted	No. skin tested	No. found positive	No. found negative	No. vacci- nated (or re-vaccina- ted)
933	475 (51%)	475	36 (4%)	439	439

All found positive are X-rayed and re-X-rayed at yearly intervals. Strongly positive reactors (16) are re-X-rayed at three months, one year and yearly thereafter.

No case of active tuberculosis was found.

Prevalence of and Control of Fever, Infectious and Other Diseases.

During the year there were 173 cases of Infectious Diseases in the District compared with 366 the previous year.

INFECTIOUS DISEASES NOTIFIED, 1961

Table I

	Under 1	1	2	3	4	5 to 9	10 to 14	15 to 24	25 to 44	45 to 64	65 and over	Totals
Poliomyelitis Non-paralytic					1							1
Ophthalmia Neonatorium	1											1
Infective Encephelitis						1						1
Measles	8	25	39	21	25	35	4					157
Meningococcal Infection	1					1						2
Acute pneumonia											1	1
Scarlet fever					1							1
Whooping cough				1	1	1						3
<u>Tuberculosis</u>												
Pul. M.									1	1	1	3
F.												-
Non-Pul. M.									1			1
F.								1			1	2
Totals :	10	25	39	22	28	38	4	1	2	1	3	173

INFECTIOUS DISEASES OCCURRING IN WARDS

Table II

	East Ward	West Ward	South Ward	Totals
Poliomyelitis Non-paralytic	1	-	-	1
Ophthalmia Neonatorum	1	-	-	1
Infective Encephilitis	-	-	1	1
Measles	62	52	43	157
Meningococcal Infection	1	-	1	2
Acute Pneumonia	1	-	-	1
Scarlet Fever	-	1	-	1
Whooping Cough	1	-	2	3
Tuberculosis	-	2	4	6
Totals :	67	55	51	173

NOTIFIABLE DISEASES OCCURRING IN MONTHS

Table III

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Poliomyelitis Non-Paralytic											1		1
Ophthalmia Neonatum								1					1
Infective Encephilitis						1							1
Measles	84	30	23	16	-	-	-	-	4	-	-	-	157
Meningococcal Infection			1			1							2
Acute Pneumonia						1							1
Scarlet Fever		1											1
Whooping Cough	3												3
Tuberculosis			1	1		1			1	1	1		6
Totals :	87	31	25	17	-	4	-	1	5	1	2	-	173

Table IV

	Total cases notified	Cases admitted to hospital	Deaths of notified cases
Poliomyelitis Non-paralytic	1	1	-
Opthalmia Neonatum	1	1	-
Infective Encephelitis	1	1	-
Measles	157	-	-
Meningococcal Infection	2	2	-
Acute Pneumonia	1	-	-
Scarlet Fever	1	-	-
Whooping Cough	3	-	-

T U B E R C U L O S I S

Table V

Age	N e w C a s e s				D e a t h s			
Period	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
20	-	-	-	1	-	-	-	-
25	-	-	2	-	-	-	-	-
35	-	-	-	-	-	-	-	-
45	1	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-
upwards	1	-	-	1	-	-	-	-
	2	-	2	2	-	-	-	-

It was not found necessary to take action under the Public Health (Prevention of Tuberculosis Regulations) 1925, or under Section 172, Public Health Act, 1936.

REPORT OF THE
SENIOR PUBLIC HEALTH INSPECTOR
.....
For the year ended 31st December, 1961

I have the honour to present this, my twelfth Annual Report, showing the sanitary circumstances of the district.

WATER

The District is supplied from the Council's wells situated near Noman's Hollow. This supply is augmented by purchasing a limited amount from the Sutton-in-Ashfield Urban District Council. During the year 251,919,000 gallons were supplied from our own pumping station and 22,131,900 gallons were purchased from Sutton-in-Ashfield Urban District Council. Other sources of water supply to houses in the District are as follows :-

1. The National Coal Board supply about 381 of their own houses in the immediate neighbourhood of the Kirkby Colliery.
2. The Meden Valley Water Board supply 24 cottages in the Pinxton side of the District and 2 Filling Stations and 1 Light Engineering Works.
3. Nottingham Corporation Water Department supply 42 houses in the Selston end of the District.

Apart from seven isolated cottages, every house in the District has a piped supply.

Repeated bacteriological and chemical analyses were carried out on the Council's water supply and the results showed that the water was satisfactory both in its chemical and bacterial quality. A typical result is as follows:-

CHLORINATED WATER

Physical Characters

Suspended matter	none
Appearance of a column 2 ft. long	clear and bright: colourless
Taste	normal
Odour	none

Chemical Examination

	<u>parts per Million</u>
Total solids dried at 180°C	246.0
Chlorides in terms of Chlorine	20.0
Equivalent to Sodium Chloride	33.0
Nitrites	none
Nitrates as Nitrogen	4.5
Poisonous Metals (Lead, etc.)	none
Total hardness	167.0
Temporary hardness	68.0
Permanent hardness	99.0
Oxygen absorbed in 4 hours at 80°F	0.16
Ammoniacal Nitrogen	0.008
Albuminoid Nitrogen	0.032
Free chlorine	none
pH value	7.8

Bacteriological Examination

Number of colonies
developing on Agar in:-

2 days at 22°C	0 per 100 ml.
24 hours at 37°C	0 per ml.
Bact. Coli (Type 1)	0 per 100 ml.

B. Coli Test (MacConkey's
Bile Salt Lactose Broth)

Probable number of coliform organisms per 100 ml.	0
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<u>Remarks</u>	Satisfactory
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NEW MAINS LAID

Nil.

EXTENSION OF MAINS

737 yards	-	3" diameter
380 "	-	4" "
819 "	-	6" "

DRAINAGE AND SEWERAGE

Nil.

NEW SEWERS LAID

Nil.

HOUSING

Erection of new houses

Number of new houses erected during the year:

Permanent houses (erected by Council)	62
" " (private enterprise)	71

Preliminary notices served	269
Statutory notices served	21
Notices complied with	163
Interviews with owners of property and builders	576
Inspections under the Public Health and Housing Acts	1822
Inspection of temporary dwellings	-
Inspections re overcrowding	2
Dwelling-houses found to be overcrowded	-
Inspections of verminous premises	8

Improvements effected

Roofs repaired	46
Rainwater fall pipes and eaves gutters repaired or renewed	24
Defective windows repaired or renewed	32
Windows provided with new sashcords	23
Defective plaster repaired	35
New ceilings provided	22
Floors repaired or renewed	17
Hearths repaired or renewed	9
Doors and frames repaired or renewed	20
New glazed sinks provided	1
Sink surrounds repaired or retiled	1
Insanitary waste pipes removed and replaced	8
Coppers removed and replaced	1
Yards or paths repaved or repaired	1
Dampness abated	27
Walls repointed or repaired	21
Chimney flues repaired	5
Chimney stacks repointed or repaired	10
Fireplaces repaired or renewed	17
Dustbins renewed	260
Disinfestations	169

DRAINAGE

New drains tested	193
Drains repaired or relaid	34
Obstructed drains cleared	786
Defective drains removed	14
Drainage systems ventilated	12

Inspection chambers repaired or reconstructed	13
Defective gullies repaired	4
Other works connected with drainage	2

WATERCLOSETS

The closet accommodation of the District at the end of the year was as follows :-

Water closets	(approx.)	7985
Pail closets	(approx.)	16
Defective watercloset pedestals replaced		2
Cisterns repaired or replaced		13
Water supplies provided or repaired		9
Watercloset seats repaired or renewed		3
Defective joints repaired		4

* * *

1. Inspection of Dwelling-houses during the year

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	1191
	(b)	Number of inspections made for the purpose	1822
(2)	(a)	Number of dwelling-houses (included under sub-head (a) above) which were inspected and recorded under the Housing Consolidated Regulations 1946	NIL
	(b)	Number of inspections made for the purpose	NIL
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	67
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head (3)) found not to be in all respects reasonably fit for human habitation due to housing defects	99

(5)	Number of dwelling-houses (exclusive to those referred to under the preceding sub-head (4)) found not to be in all respects reasonably fit for human habitation due to minor defects	658
(6)	Visits in connection with Certificates of Disrepair	8
2.	<u>Remedy of Defects during the year without service of formal Notices</u>	
	Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	99
3.	<u>Action under Statutory Powers during the year</u>	
A.	- Proceedings under Sections 9, 10 and 12 of the Housing Act, 1957	
(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	NIL
(2)	Number of dwelling-houses which were rendered fit after service of formal notice:-	
(a)	By Owners	NIL
(b)	By Local Authority in default of owners	NIL
B.	- Proceedings under Public Health Acts	
(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	21
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices:-	
(a)	By Owners	26
(b)	By Local Authority	4
C.	- Proceedings under Section 16 of the Housing Act, 1957.	
(1)	Number of dwelling-houses in respect of which Demolition Orders were made	12
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders	9

D. - Proceedings under Section 18 of the Housing Act, 1957.

- | | |
|---|-----|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made | NIL |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | NIL |

Local Government (Miscellaneous Provisions) Act, 1953

Closing Orders made	NIL
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* * *

HOUSING ACT, 1957

Overcrowding

During the year 2 complaints were received in the Department. These complaints were investigated and in no case were the premises found to be legally overcrowded when calculated in accordance with the 6th Schedule of the Housing Act, 1957.

* * *

INSPECTION AND SUPERVISION OF FOOD AND FOOD PREMISES

Inspections

Mobile foodshops	38
Bakehouses	4
Retail provision shops and general stores	100
Dairies and milk shops	11
Butchers' shops	89
Cooked meat shops	16
Fried Fish shops	12
Ice-cream premises	27
Licensed premises	55
Greengrocers	14
Restaurants and canteens	38
Slaughterhouses	76
Preparation rooms	98
Tripe boilers	43
Wet fish shops	12
Sweet factories	2
Confectionery and sweet shops	13
Contraventions observed	26
Informal notices given	26

Samples submitted to Analyst

Coconut Confectionery	2 found to be satisfactory
Raw Coconut	1 " " " "
Heat treated Coconut	1 " " " "
Water	23 " " " "
Water	1 found to be unsatisfactory

2 Water samples were taken from two springs at a farm in the District, and submitted to the Public Health Laboratory, Nottingham. The water from one spring was found to be contaminated and unfit for domestic use. The owner and occupier of the farm were notified and steps have been taken to prevent the supply being used for domestic purposes and to ensure that a wholesome supply was provided for the use of the occupier.

FOOD CONDEMNED

	WEIGHT	
	LBS.	OZS.
Beef	187	-
Baked Beans	-	16
Pears	3	6
Cooked Ham	13	11
Corned Beef	6	12
Bacon	14	8
Tomatoes	12	4
Pineapple Chunks	22	-
Grapes	2	-
Salmon	2	14
Peaches	3	13
Apricots	-	14
Evaporated Milk	2	2
Spaghetti Bolognaise	-	15
Peas	1	3
Mushroom Soup		15 $\frac{1}{2}$
Salt	1	8
Pickled Onions	-	10
Apricot Chutney	-	7
Blackcurrant Jam	2	-
Marmalade	1	8
Pork Dripping	2	-
Pickled Beetroot	3	-
Red Cabbage	2	10

Particulars of samples obtained by Officers of the Nottinghamshire County Council Weights and Measures and Food and Drugs Department and examined and / or analysed under the Food & Drugs Act 1955.

Article	Number of Samples			Result of Examination and/or Analysis
	Obtained	Genuine	Adult. or Sub-standard	
Apple Drink	1	1	-	
Beef & Tongue Paste	1	1	-	
Beetroot, Pickled	1	1	-	
Blackcurrant Jam	1	1	-	
Buttered Brazil Sweets	1	1	-	
Cake	1	1	-	
Cheese	3	3	-	
Chemical Food	1	1	-	
Chicken & Ham				
Luncheon Meat	1	1	-	
Coffee & Chicory				
Essence	1	1	-	
Cold Tablets	1	1	-	
Corned Beef	1	1	-	
Cream Cakes	1	1	-	
Curried Prawns	1	1	-	
Dairy Butter Toffee	1	1	-	
Dairy Ice Cream &				
Sponge Cake	1	1	-	
Devon Cream Toffee	1	-	1	Slightly deficient in butter fat. Mfrs. cautioned.
Flour Selfraising	1	1	-	
Fish Pies	1	1	-	
Hot Dogs in Gravy	1	1	-	
Ice Cream	1	1	-	
Irish Stew	1	1	-	
Iron Brew	1	1	-	
Kipper Fillets	1	1	-	
Lemonade Powder	1	1	-	
Lemon Drink	1	1	-	
Lemon Pie Filling	1	1	-	

Article	Number of Samples			Result of Examination and/or Analysis
	Obtained	Genuine	Adult. or Sub-standard	
Lime & Lemon Drink	1	1	-	
Margerine	1	1	-	
Mashed Potatoes	1	1	-	
Meat Pies	1	1	-	
Milk	134	134	-	
Milk Bread	1	1	-	
Minced Beef in Onion & Gravy	1	1	-	
Mint Jelly	1	1	-	
Nerve Tablets	1	1	-	
Peaches, Sliced	1	1	-	
Peas, Canned	1	1	-	
Pickling Spice	1	1	-	
Pork Dripping	1	1	-	
Salmon	1	1	-	
Salmon Spread	1	1	-	
Sausages	1	1	-	
Sausages, Pork	1	1	-	
Slimming Food	1	1	-	
Table Jelly	1	1	-	
Tomato Juice	1	1	-	
Treacle Compound	1	1	-	
Trout Grilled in Butter	1	1	-	
Vinegar, Malt	2	2	-	

The Milk (Special Designations)
(Pasteurised and Sterilised) Milk Regulations

	Pasteurised	Sterilised
Samples obtained and submitted to prescribed tests	47	7
Samples unsatisfactory	-	-

Bacteriological Examination of Milk Bottles

Examined	Satisfactory	Unsatisfactory
48	48	-

MEAT

There are 26 meat shops in the district. There are 6 licensed slaughterhouses in the district, one being a large bacon factory and the remaining 5 are attached to small butchers' shops. All the animals killed at these slaughterhouses are examined by the Public Health Inspectors of the Department, often outside normal working hours.

It is gratifying to note the further reduction in the number of cattle found to be affected by Tuberculosis, the percentage of those inspected and found to be affected with Tuberculosis falling from 14.94 in 1959 to 1.98 in 1961.

Slaughter of Animals Act 1953

46 licenses to slaughter or stun animals were issued.

* * * *

M E A T

FOOD INSPECTED AND CONDEMNED 1961

	<u>Cattle excl. Cows</u>	<u>Cows</u>	<u>Calves</u>	<u>Sheep and Lambs</u>	<u>Pigs</u>	<u>Horses</u>
Number killed	112	101	2	789	12460	-
Number inspected	112	101	2	789	12460	-
<u>All diseases except Tuberculosis & Cysticerci</u>						
Whole carcasses condemned	-	-	-	-	-	-
Carcasses of which some part or organ was condemned	9	14	-	-	1675	-
Percentage of the number inspected affected with disease other than tuber- culosis and cysticerci	8.12	13.86	-	-	13.28	-
<u>Tuberculosis only</u>						
Whole carcasses condemned	-	-	-	-	5	-
Carcasses of which some part or organ was condemned	-	2	-	-	430	-
Percentage of the number inspected affected with tuberculosis	-	1.98	-	-	3.49	-
<u>Cysticercosis</u>						
Carcasses of which some part or organ was condemned	-	-	-	-	-	-
Carcasses submitted to treat- ment by refrigeration	-	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-
<u>Weights Condemned (in lbs.)</u>						
Tuberculosis	-	30	-	-	5055	-
Cysticercosis	-	-	-	-	-	-
Disease other than Tuber- culosis and Cysticerci	108	163	-	-	6866	-
Totals :	108	193	-	-	11921	-

No. of visits to inspect meat : 657

FACTORIES

Number of visits	145
Contraventions observed	-
Notices served	-
Outworkers' premises inspected	29

1. Inspections for purposes of provisions as to health

Including inspections made by the Public Health Inspector.

Premises (1)	N u m b e r o f		
	Inspec- tions (2)	Written Notices (3)	Occupiers Prosecuted (4)
Factories with mechanical power	130	NIL	NIL
Factories without mechanical power	15	NIL	NIL
Other premises under the Act (including works of buildings and engineering construc- tion, but not includ- ing outworkers' premises)	NIL	NIL	NIL
TOTAL :	145	NIL	NIL

No. of Factories with Mechanical Power 47

No. of Factories without Mechanical Power 4

2. Defects found

Particulars	Number of Defects			Number of defects in respect of which prosecutions were instituted.
	Found	Remedied	Referred to H.M. Inspector	
Sanitary Conveniences				
Insufficient	1	1	-	-
Unsuitable or Defective	-	-	-	-
Not separate for sexes	-	-	-	-
Other offences (Not including offences relating to Home Work or offences mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1929, and re-enacted in the Third Schedule to the Factories Act, 1937)	-	-	-	-
TOTAL :	1	1	-	-

PETROLEUM ACTS AND REGULATIONS

The Health Department is responsible for administering the Petroleum Acts and Regulations. During the year 32 licenses were granted for the storage of Petroleum Spirit, from which the income was £20.7s.6d., and 1 licence was granted for the storage of Carbide of Calcium, from which the income was 5s.0d.

Inspections made	53
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SMOKE ABATEMENT

The use of sulphur dioxide and deposit gauges was discontinued, and readings of atmospheric pollution were taken by means of a daily volumetric instrument.

Spoilbank inspections made	20
Smoke observations made	29
Visits in connection with smoke abatement	41

RODENT CONTROL

Inspections made	240
Visits to lay baits	458
Rat infestations removed	127
Disinfestations due to vermin	8
Disinfestations due to other insect pests	34

PREVENTION OF DAMAGE BY PESTS ACT 1949
12 months ended 31st December 1961

TYPE OF PROPERTY

Non-Agricultural

	Local Authority	Dwelling Houses (incl. Council Houses)	All Other (including Business Premises)	Total of Cols. (1), (2) & (3)	Agricultural
	(1)	(2)	(3)	(4)	(5)
I. Number of properties in Local Authority's District	21	6745	777	7543	48
II. Number of properties inspected as a result of:					
(a) Notification	3	120	27	150	3
(b) Survey under the Act	-	-	-	-	-
(c) Otherwise (e.g. when visited primarily for some other purpose)	12	27	15	54	7
III. Total inspections carried out - incl. re-inspections	13	309	103	425	23
IV. Number of properties inspected (in Sec.11) which were found to be infested by:					
(a) Rats (Major)	-	-	-	-	-
(Minor)	1	86	8	95	2
(b) Mice (Major)	-	-	-	-	-
(Minor)	2	26	17	45	1
V. Number of infested properties (in Sec IV) treated by the L.A.	3	112	25	140	3

	T Y P E O F P R O P E R T Y				
	Non-Agricultural				Agricultural
	Local Authority	Dwelling Houses (incl. Council Houses)	All Other (including Business Premises)	Total of Cols. (1), (2) & (3)	
	(1)	(2)	(3)	(4)	(5)
VI. Total treatments carried out - including re-treatments	3	114	29	146	3
VII. Number of notices served under Sec. 4 of the Act:					
(a) Treatment	-	-	-	-	-
(b) Structural Work (i.e. Proofing)	-	-	-	-	-
VIII. Number of cases in which default action was taken following the issue of a notice under Sec. 4 of the Act	-	-	-	-	-
IX. Legal Proceedings	-	-	-	-	-
X. Number of "Block" control schemes carried out					
				17	

MISCELLANEOUS

Complaints received and dealt with	1405
Visits to masseurs' premises	6
Visits to hairdressers' premises	13
Visits to pet shops	8
Visits to tip	251
Visits in connection with refuse collection	1374

INFECTIOUS DISEASES AND FOOD POISONING

Enquiries and visits	10
Disinfections	4

PUBLIC CLEANSING

This report covers the 12 months ending 31st March, 1962

TRANSPORT

Transport units of the Cleansing Department comprise the following:-

- 1 Dennis "Paxit" lorry - 18 cu. yds. capacity.
- 2 S. & D. Fore and Aft Tippers - 16/18 cu. yds. capacity.

REFUSE COLLECTION

Owing to the increase in the number of premises, it became impossible to maintain a weekly collection of household refuse.

During the year approximately 9,720 tons of refuse were collected and tipped. (This tonnage figure is estimated from periodic test weighings).

REFUSE TIP

An International LTD 6 Tractor fitted with Drott Skid Shovel was purchased for use on the refuse tip. This has resulted in the tip being kept in a much better condition and free from major fires. It has also made it easier for the refuse collection vehicles to tip, and as a result will reduce the wear and tear of these vehicles.

It was hired out to the Surveyor's Department and proved very useful for clearing snow from the streets.

SALVAGE

The following salvaged material was sold during the year:-

	tons	£
Waste paper	103	719
Textiles	-	-
Scrap metal and tins	-	-
	<u>103</u>	<u>719</u>

REFUSE DISPOSAL

	£
Income	
Sale of salvaged materials	719
Income from collection of Trade Refuse	179
	<u>898</u>

In conclusion, I would like to thank the Chairman and Members of the Health Committee for the interest they have shown in the work of the Department. I would also like to thank Dr. J. V. Loughlin, and all other Officials of the Council for their help and co-operation and my own staff for their loyal support at all times.

I am,
Your obedient servant,
H. S. WHITTEN.
Senior Public Health Inspector.

